DATA SHEET

ESPRIMO Q5030 E-STAR4

The mini with more PC per cm³

Issue: April 2009

ESPRIMO Q5030 E-Star4
A real eye-catcher on your desk - the extremely small and stylish ESPRIMO Q. This fully equipped next generation PC has a volume of just 1.4 liters. State-of-the-art Intel® Centrino Mobile technology meets all the requirements placed on a desktop computer - with minimal energy consumption and minimal noise.

Modern PC for demanding business
Eye-catcher on every desk with a modern and exclusive design
- Mini PC with only 1.4 liter volume, 1.7 kg light

Energy-saving
Reduced power costs and consumption are easy on the budget.
- State-of-the-art Intel® Centrino Mobile technology

Small yet versatile
Large choice of components to meet all demands.
- Up to 4 GB memory, 250 GB hard drive, 6 USB ports

ENERGY STAR · NORDIC ECOLABEL · EPEAT SILVER · intel CORE 2 Duo inside

Green IT · QUIET RUNNING · TWINLOAD · MOBILE IN DESKTOP · BACKPACK SOLUTION · MANAGEABILITY

Components

Processor	Intel® Core™2 Duo P8600 (2.4 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo P8400 (2.26 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo T6570 (2.1 GHz, 2 MB, 800 MHz)
	Intel® Core™2 Duo T5670 (1.8 GHz, 2 MB, 800 MHz)
	Intel® Celeron® 585 (2.16 GHz, 1 MB, 533 MHz)
	Intel® Celeron® 575 (2.0 GHz, 1 MB, 667 MHz)
Memory modules	2 GB (1 module(s) with 2 GB, DDR2), 800 MHz
	2 GB (1 module(s) with 2 GB, DDR2), 667 MHz
	1 GB (1 module(s) with 1 GB, DDR2), 800 MHz
	1 GB (1 module(s) with 1 GB, DDR2), 667 MHz
Hard disk drives (internal)	SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T.
	SATA, 5400 rpm, 250 GB, 2.5-inch
	SATA, 5400 rpm, 160 GB, 2.5-inch
Hard disk notes	Supporting NCQ and 3 GBit
Modular bay options	Blu-ray Combo SATA Slot-in slim
	DVD Super Multi Slot-in slim
Interface add on cards/components (optional)	
	Bluetooth 2.0
	Atheros Minicard b/g/n
Base unit	**ESPRIMO Q5030 E-Star4**
Mainboard	
Formfactor	proprietary
Chipset	Intel® GM45, ICH 9-M
Processor socket	Socket P
Processor quantity maximum	1
System bus (FSB / HT / QPI)	1066 MHz
Memory slots	2 SODIMM
Supported capacity RAM (max.)	4 GB
Memory frequency	667 MHz
Memory notes	Dual channel support. For dual channel performance, a minimum of 2 memory modules have to be ordered. Capacity per channel has to be the same In configurations with 4 GB the visible memory may be reduced to approximately 3.5 GB or less (for 32 bit operating systems, depending on system configuration)
LAN	10/100/1000 MBit/s Intel® 82567LF
WLAN	optional
BIOS version	Phoenix Award BIOS
BIOS features	BIOS Flash EPROM update by software Recovery BIOS
Audio codec	Realtek ALC888
Audio features	High Definition audio
I/O controller on board	
Serial ATA total	3
thereof eSATA	1
Controller functions	Serial ATA II 3 GBit AHCI
Interfaces	
Audio: line-in / microphone	1
Audio: line-in	1
Audio: line-out / headphones / SPDIF	1 (optical)
Front audio: headphone	-
Front audio: line-in / microphone	-

Interfaces	
USB 2.0 total	6
USB front	2
USB rear	4
USB internal	-
VGA	via DVI to VGA-Adapter
DVI	1
Mouse / Keyboard (PS/2)	-
S-Video out (TV-out)	-
Ethernet (RJ-45)	1
Input device / components	
	Optical USB tilt wheel mouse
Drive bays	
Drive bays total	2
2.5-inch bays	1
5.25-inch external bays	1
Drive bay notes	slim slot-in
Graphic on board	
Graphics brand name	Mobile Intel® GMA 4500M HD
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -
Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1680 x 1050 pixel 1920 x 1200 pixel
Graphic notes	Shared memory depending on driver Resolution (color depth up to 32 Bit/pixel) For TFT we recommend to use 60Hz.
Electrical values	
Rated frequency range	50 - 60 Hz
Operating voltage range	100 - 240 V (AC Input)
Max. output of power supply	90 W
Power consumption	
Power consumption note	see white paper Energy Consumption
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=f30db8d0-199a-450c-8fca-90ee397d03c9
Heat dissipation	
Heat dissipation notes	see white paper Energy Consumption
Noise for standard configuration (HDD, ODD, FDD)	
Noise emission	According to ISO9296
Noise Operation mode 1: ODD load (Blue angel requirement)	4.5 B / 31 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	3.2 B / 16 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	3.8 B / 23 dB(A)
Noise Operation mode 4: High load	3.7 B / 22 dB(A)
Noise Operation mode 5: Office applications	3.2 B / 16 dB(A)

Noise for standard configuration (HDD, ODD, FDD)	
Idle mode (Blue Angel requirement)	3,3 B / 16 dB(A)
Noise notes / description	Noise for standard configuration CPU, HDD, ODD; A weighted sound power level Lwad (in B) / Workplace related A-weighted sound pressure level LpAm (in dB(A)), (bystander position) (ISO9296)
Dimensions / Weight / Environmental	
Dimension (W x D x H)	165 x 165 x 50 mm
Operating position	Horizontal
Weight	approx. 1.7 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C
Compliance	
Germany	Blauer Engel / Blue Angel in progress
Europe	CE Nordic Swan EN60601-1-2
USA/Canada	UL CSA
Global	ENERGY STAR® 4.0 RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 5.0 in progress
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
Operating system	
Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Home Premium Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Microsoft® Windows® XP Home Microsoft® Windows® XP Professional Microsoft® Windows Vista® Business 32bit
Operating system notes	Windows Vista® Premium Logo: min. 1 GB RAM necessary.
Additional Software	
Additional software (preinstalled)	Nero 8 Essentials S
Additional software (optional)	Recovery DVD (Windows® XP / Windows Vista®) Drivers & Utilities DVD (DUDVD) Windows Vista® Drivers & Utilities DVD (DUDVD) Windows® XP
Additional software (included as a CD/DVD)	Nero Essentials (burning software)
Manageability	
Manageability features	DeskView Migrate (optional) DeskView Control (optional) PXE 2.1 Boot code Wake up from S5 (off mode)
DeskView features	Detailed system inventory management and reports WoL (Wake on LAN)
Manageability link	http://ts.fujitsu.com/manageability http://www.altiris.com/fsc
Security	
Physical security	Kensington Lock support
System security	Boot sector virus protection
User security	User and supervisor BIOS password Optional: Access protection via external SmartCard reader
Packaging information	
Packaging dimension	395x198x284 mm
Max. quantity / pallet	84
Material - Weight (g) Carton	670g

Packaging information

Material - Weight (g) EPS / PS	appr. 10 g
Material - Weight (g) PE	appr. 125 g
Packaging notes	printed user documentation is bleached in chlorin free process

Warranty
Maintenance and Support Services - the perfect extension

Recommended Service	5x9, Response Time: Next Business Day
Spare Parts availability	5 years
Service Weblink	http://ts.fujitsu.com/Supportservice

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PARTNER OF THE YEAR-WINNER
Device Manufacturing

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